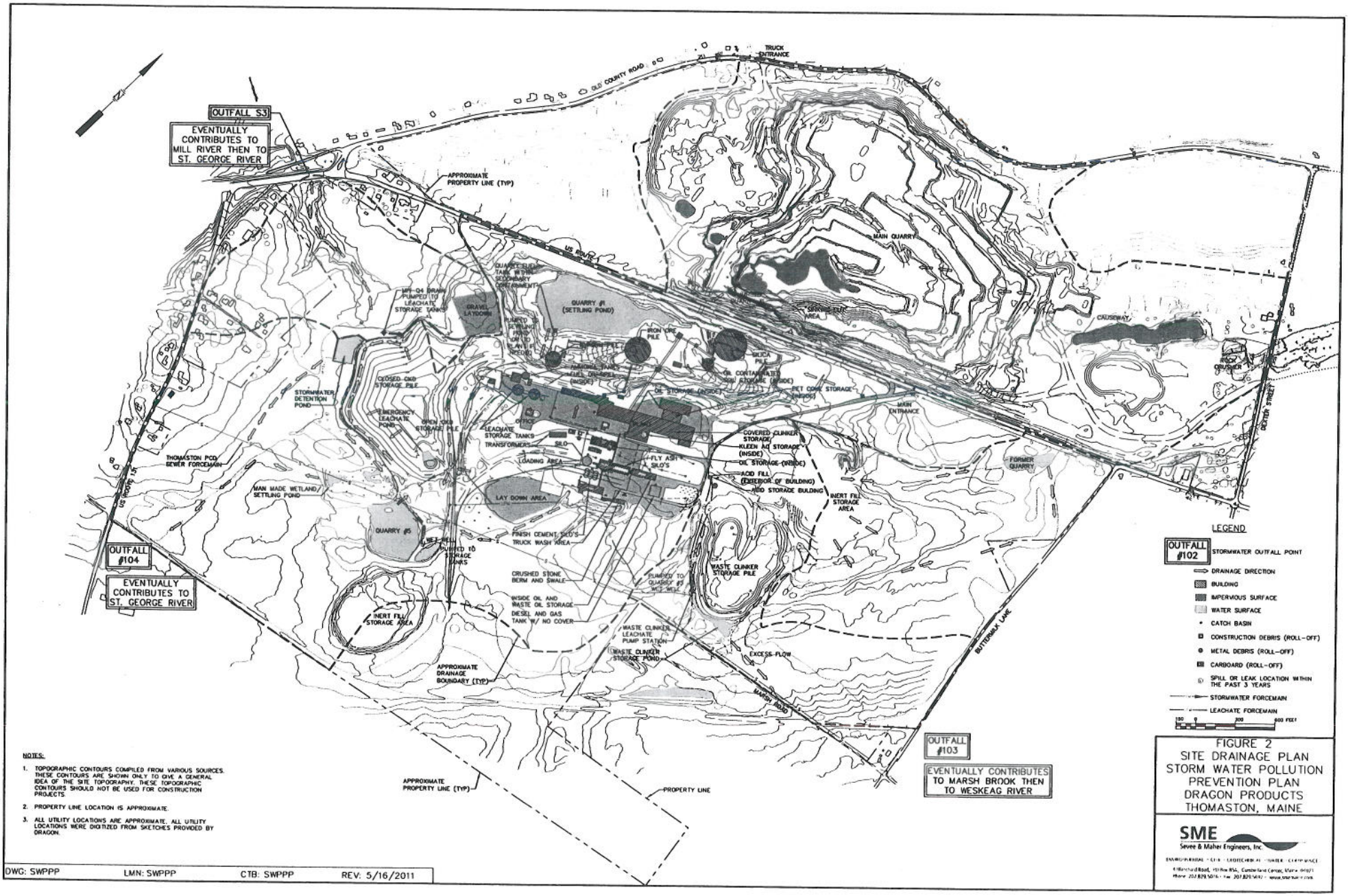
2012

MONTHLY INSPECTION FORM
DRAGON PRODUCTS COMPANY, LLC
THOMASTON, MAINE

Month	Item					Evaluator	
	Were all liquid storage tanks inspected that are or have the potential to be exposed to stormwater?	Were all hoppers and silos inspected that are or have the potential to be exposed to stormwater?	Were all vehicle and equipment maintenance areas inspected that are or have the potential to be exposed to stormwater?	Were all cleaning and fueling areas inspected that are or have the potential to be exposed to stormwater?	Were all material handling vehicles inspected that are or have the potential to be exposed to stormwater?	Initials	Date[4]
1	(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No	MM	1/31/12
2	(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No	MM	2/29/12
3	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
4	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
5	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
6	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
7	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
8	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
9	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
10	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
11	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		
12	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No		

Notes:
1. If areas were not inspected the inspector shall provide written documentation as to why the inspection was not performed.
2. If BMP's are found to be deficient they should be repaired as indicated on the Quarterly Compliance Evaluation Form.



NOTES:

1. TOPOGRAPHIC CONTOURS COMPILED FROM VARIOUS SOURCES. THESE CONTOURS ARE SHOWN ONLY TO GIVE A GENERAL IDEA OF THE SITE TOPOGRAPHY. THESE TOPOGRAPHIC CONTOURS SHOULD NOT BE USED FOR CONSTRUCTION PROJECTS.
2. PROPERTY LINE LOCATION IS APPROXIMATE.
3. ALL UTILITY LOCATIONS ARE APPROXIMATE. ALL UTILITY LOCATIONS WERE DIGITIZED FROM SKETCHES PROVIDED BY DRAGON.

DWG: SWPPP LMN: SWPPP CTB: SWPPP REV: 5/16/2011

FIGURE 2
SITE DRAINAGE PLAN
STORM WATER POLLUTION PREVENTION PLAN
DRAGON PRODUCTS
THOMASTON, MAINE

SME
Sevee & Maher Engineers, Inc.

POTENTIAL POLLUTANT SOURCE LISTING
DRAGON PRODUCTS COMPANY, LLC
THOMASTON, MAINE

Material / Potential Pollutant	Location	Quantity (Units/Year) (Stored)	Quantity Exposed In Last 3 Years	Predicted Pollutant	Associated Outfall	Past Significant Spill / Leak		Method Of Storage Or Disposal (e.g., pile, drum, tank)	BMP	Recommended BMP
						Yes	No			
Cement Kiln Dust (CKD)[1]	CKD Stockpile	Tons	All	TSS, pH	104		X	Pile	Exposure limited by soil cover over majority of pile. Remaining area of pile is internally draining so that no runoff escapes. Dragon actively recycles CKD when kiln is operating.	None
Silica Sand[1]	Raw Material Storage Near Quary 1	Tons	All	TSS, pH	104		X	Pile	Runoff from material stockpile area flows to Quarry 1 Settling Pond, when the water reaches a pre-defined elevation it is discharged to manmade settling pond/wetlands adjacent to Quarry 5.	None
Iron Ore[1]	Raw Material Storage Near Quary 1	Tons	All	TSS, pH	104		X	Pile		
Gypsum[1]	Raw Material Storage Near Quary 1	Tons	All	TSS, pH	104		X	Pile		
Lime Rock[1]	Raw Material Storage throughout the Main Quarry and Quarry 1	Tons	All	TSS, pH	104		X	Pile		
Pet Coke[1]	Within Storage Builing in Quarry 1	Tons	None	None (Stored Indoors)	104		X	Pile	Stored indoors	None
Fly Ash[1]	Within Storage Builing in Quarry 1	Tons	None	None (Stored Indoors)	104		X	Pile	Stored Indoors	None
Oil Contaminated Soil	Quarry Quonset Hut	Tons	Some	TSS, Petroleum Products	104		X	Pile	Stored indoors or used immediately in cement kiln.	None
Fuel Oil[1]	Various Tanks, see SPCC Plan	65,450 Gallons	None - Only If Spilled or Released	Petroleum Products	104	X		Tanks, Totes, or Drums	Stored in secure tanks. Secondary containments or dikes used. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility.	None
Waste Oil[1]	Old Mill Room & Waste Oil Room by Maintenance Garage	3,810 Gallons	None - Only If Spilled or Released	Petroleum Products	104		X	Tanks, Totes, or Drums	Stored in secure tanks. Secondary containments or dikes used. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility.	None
Transformers	Substation	11,372 gallons (3 containers)	None - Sealed Containers	Oils	104		X	Tanks	Stored in secure tanks. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility.	None
Foundary Sand[1]	Primary Crusher	Tons	Some	TSS, pH	104		X	Pile	Not frequently used at the facility. Stored outside near primary crusher.	None
Waste Clinker/Cement[1]	Waste Clinker Stockpile, Other Areas Around Plant	Tons	All	TSS, pH	103		X	Pile	All runoff from pile is collected and drains to waste clinker storage pond, then either pumped to the Thomaston sewer or used as process water.	None
Plant Equipment and Parts	Laydown Yard	Tons	All	Oil/Grease	104		X	Placed on Ground	Items place in laydown area are inspected prior to placement and cleaned if there are potential pollutants on them.	None
Aqueous Ammonia	West of Preheater Tower	8,700 Gallons	None	Ammonia	104		X	Tank	Stored in secure tank with alarm system. Secondary containments or containment dikes used. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility.	None
Cement Dust[1]	Areas Throughout Plant	Tons	All	TSS, pH	104		X	Various	Scheduled sweeping of all paved surfaces. Dust collectors remove dust from process.	None
Sulfuric Acid	Acid Storage Bldg	5,100 Gallons	Loading only	pH	103		X	Tank	Stored in secure tanks. Secondary containments or dikes used. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility.	None
Truck Wash Water	Truck Wash Area	Thousands of Gallons	All	TSS, pH	104		X		Runoff directed to stone berm and vegetated swale.	None
Groundwater and Leachate	Waste Clinker Storage Pond	1.8 Million Gallons	None	pH	103	X		Lined Storage Pond	Runoff directed to trench south of laydown sump at Quarry 5; collected runoff is used as process water in the kiln or pumped to Thomaston sewer..	None
Groundwater and Leachate	Leachate Storage Tanks	2.6 million Gallons	None	pH	104		X	Tank	Stored in secure tanks. Personnel trained in accordance with SPCC Plan. Proper cleanup equipment and material available at facility. Tank level indicator displays level of liquid in tank. Contingency plan in place for time of high flows. Annual inspections required.	Alarm system required for storage tanks.
Kleen AC9507	Storage Bulding	250 Gallons	None	None (Stored Indoors)	104	X		Tank	Stored inside in totes with no potential exposure to stormwater.	None

Notes:

1 Material is included in Form R reporting for Section 313 of EPCRA. Form R documentation is maintained in the Environmental Department files

STATE OF MAINE
DEPARTMENT OF CONSERVATION
93 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0093

PAUL R. LEPAGE
GOVERNOR

WILLIAM H. BEARDSLEY
COMMISSIONER

May 31, 2011

RECEIVED JUN 0 3 2011

Bruce Albert
Sevee & Maher Engineers, Inc.
4 Blanchard Road
PO Box 85A
Cumberland Center, ME 04021

Re: Rare and exemplary botanical features in proximity to: Job # 10148.00, Dragon Products, Inc., Stormwater Discharge Determination, Thomaston, Maine

Dear Mr. Albert:

I have searched the Natural Areas Program's Biological and Conservation Data System files in response to your request of May 23, 2011 for information on the presence of rare or unique botanical features documented from the vicinity of the project site in Thomaston, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. Note, however, that the Dragon Products, Inc. facility abuts a Tidal Marsh Estuary Ecosystem at Weskeag Creek/Marsh Brook. In addition, a Brackish Tidal Marsh is less than 0.5 miles downhill and in the direction of the facility's drainage. Both of these are considered rare natural habitat types in Maine. See the table below and the enclosed map. Because we do not have adequate information regarding discharge (quantity, quality, and where it goes), we cannot make an effect determination regarding the impact of the drainage on the botanical features nearby.

Common Name	Scientific Name	Global Rank	State Rank	State Status	Occurrence Quality Rank
Brackish Tidal Marsh	Brackish Tidal Marsh	GNR	S3	NA	B – Good
Tidal Marsh Estuary Ecosystem	Tidal Marsh Estuary Ecosystem	GNR	S3	NA	B – Good

If a field survey of the project area is conducted, please refer to the enclosed supplemental information regarding rare and exemplary botanical features documented to occur in the vicinity of the project site. The list may include information on features that have been known to occur historically in

MAINE NATURAL AREAS PROGRAM
MOLLY DOCHERTY, DIRECTOR

PHONE: (207) 287-8044
FAX: (207) 287-8040
TTY: (207) 287-2213

the area as well as recently field-verified information. While historic records have not been documented in several years, they may persist in the area if suitable habitat exists. The enclosed list identifies features with potential to occur in the area, and it should be considered if you choose to conduct field surveys.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.

The Natural Areas Program is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. The Natural Areas Program welcomes coordination with individuals or organizations proposing environmental alteration, or conducting environmental assessments. If, however, data provided by the Natural Areas Program are to be published in any form, the Program should be informed at the outset and credited as the source.

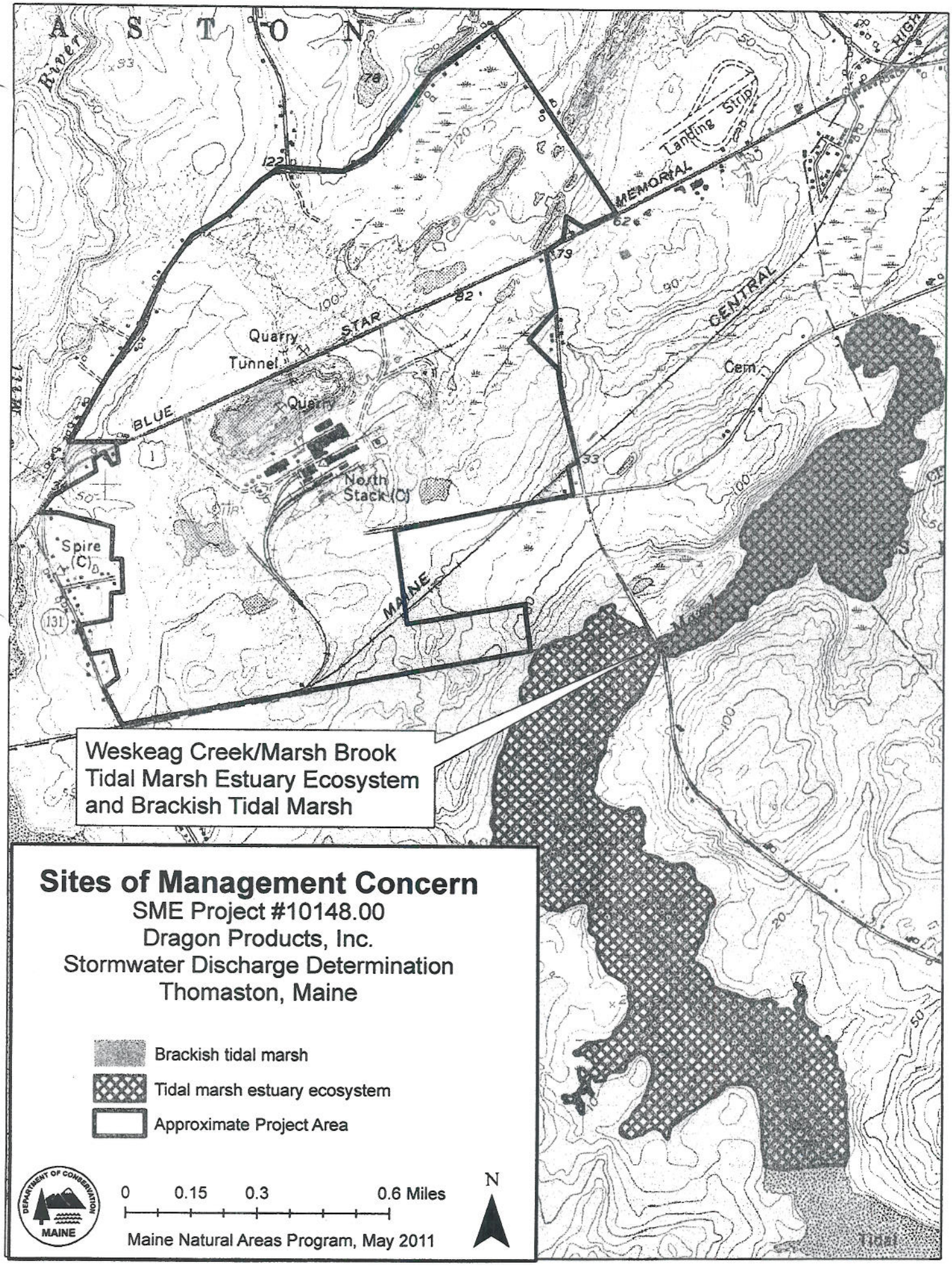
The Natural Areas Program has instituted a fee structure of $75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for $150.00 for our services.

Thank you for using the Natural Areas Program in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,

Don Cameron
Ecologist
Maine Natural Areas Program
207-287-8041
don.s.cameron@maine.gov

Enclosures



Weskeag Creek/Marsh Brook
Tidal Marsh Estuary Ecosystem
and Brackish Tidal Marsh

Sites of Management Concern

SME Project #10148.00
Dragon Products, Inc.
Stormwater Discharge Determination
Thomaston, Maine

Brackish tidal marsh

Tidal marsh estuary ecosystem

Approximate Project Area

DEPARTMENT OF CONSERVATION
MAINE

0 0.15 0.3 0.6 Miles

N

Maine Natural Areas Program, May 2011

Maine Department of Inland Fisheries & Wildlife

MDIFW
Region B Wildlife
270 Lyons Rd
Sidney ME 04330

(207) 547-5319
(207) 547-4035 fax

Email keel.kemper@maine.gov
IFW Website http://www.maine.gov/ifw

May 31, 2011

Bruce Albert
SME
4 Blanchard Road
P.O. Box 85A
Cumberland Center, Maine 04021

Re: Wildlife Habitat Information Request – Thomaston

Dear Mr. Albert:

As requested we have reviewed department files for the presence of any Essential or Significant Wildlife Habitats and other areas of special concern associated with the subject area described above. Our findings are limited to those for which MDIFW has responsibility for identifying and are provided below.

Essential Habitats:

Essential Habitats (EH) are defined as "areas currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened species in Maine and which may require special management considerations". Essential Habitat protection in Maine currently applies only to Roseate Tern, Piping Plover, and Least Tern colonies, but additional listed species may receive attention in the future.

According to MDIFW records there are no known Essential Habitats from the list above that are associated with the subject site.

Significant Wildlife Habitats:

The Natural Resources Protection Act (NRPA), administered by the Maine Department of Environmental Protection, provides protection to certain natural resources including Significant Wildlife Habitats. Significant Wildlife Habitats are defined by the NRPA as:

- Habitat for State and Federally listed Endangered and Threatened species
- High and moderate value deer wintering areas and travel corridors
- High and moderate value waterfowl and wading bird habitats, including nesting and feeding areas
- Shorebird nesting, feeding, and staging areas
- Seabird Nesting islands

According to MDIFW records, there are no known Significant Wildlife Habitats from the list above that are associated with the project site. MDIFW would anticipate no deleterious impacts as a result of storm water discharge associated with activities at this location.

Other Considerations:

This letter is only meant to be a response to the request for information on the presence of essential or significant habitats on this parcel. This is not meant to be a comment on the merits of a particular development project, permit application, or proposal. That review can only be done with a written proposal and as part of a regular review process.

Please be aware that, while relatively comprehensive, MDIFW files are far from complete. Many habitat features or communities essential to Maine's wildlife (e.g. vernal pools, grasslands) are not included in the present database. In addition other agencies have jurisdiction for other natural resources. The Department of Marine Resources (633-9500) or Atlantic Salmon Commission (941-4452) can provide information describing use of an area by anadromous fishes and other species. For comprehensive data relating to rare or exemplary plant habitats and ecological communities, the Maine Natural Areas Program may be reached at (207) 287-8042. If I can provide any further information please feel free to contact me at 547-5319.

Sincerely,

G. Keel Kemper
Regional Wildlife Biologist
Maine Department of Inland Fisheries & Wildlife

Thomaston Quarterly Visual Monitoring Report

QUARTERLY STORM WATER VISUAL EXAMINATION REPORT		**Completed by (sampler):** M. MARTINAS									
		Title: ENV. MANAGER									
		Date: 7/24/08									
Magnitude of Storm		**Time Since Previous**									
Event (inches)[1]:		**Storm Event[2]:**									
Outfall Sampled (identified on Site Plan)	Time of Evaluation	Type of Discharge (rainfall) snowmelt)	Observations[3]								
	1-2 pm	0.67" night Before	WINDY, OVERCAST, THREATENING T-STORMS								
			color	odor	clarity	floating solids	settled solids	suspended solids	foam	oil sheen	other
	101	NO Flow									
	102	NO Flow									
	103	NO Flow									
	104		CLEAR	NONE	SLIGHT HAZE	NONE	NONE	SLIGHT	NONE	NONE	—

[1] Storm event must be greater than 0.1 inches. Sample must be taken within 60 minutes (or as soon thereafter as practicable, but not to exceed 2.25 hours) of when runoff or snowmelt begins discharging from the facility.

[2] Storm event must be at least 72 hours since previously measurable (greater than 0.1 inches). Document if no qualifying storm event occurred during the quarter. Evaluation must be completed at least 60 days after previous evaluation

[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

[4] This report must be signed by a "Responsible Corporate Officer" and maintained with the SWPPP.

5 A copy of this report must be kept on file in Thomaston.

Date: 7/24/08	**Signed[4]:** C Michael Grant
	Title: ENV. MGR.

* will continue to monitor for flow

* forms updated for July 2008 — 2009

Thomaston Quarterly Visual Monitoring Report

QUARTERLY STORM WATER VISUAL EXAMINATION REPORT		**Completed by (sampler):** M. MARTUNAS									
		Title: ENV. MANAGER									
		Date: 10/28/08									
Magnitude of Storm		**Time Since Previous**									
Event (inches)[1]:		**Storm Event[2]:**									
Outfall Sampled (identified on Site Plan)	Time of Evaluation	Type of Discharge (rainfall/ snowmelt)	Observations[3]								
			color	odor	clarity	floating solids	settled solids	suspended solids	foam	oil sheen	other
101	⟷	N/A									→
102			Light BRN	NONE	90%	NONE	NONE	NONE VISIBLE	NONE	NONE	NONE
103			CLEAR	NONE	100	↓	↓	NONE	↓	↓	↓
104			CLEAR	NONE	100	↓	↓	NONE	↓	↓	↓

[1] Storm event must be greater than 0.1 inches. Sample must be taken within 60 minutes (or as soon thereafter as practicable, but not to exceed 2.25 hours) of when runoff or snowmelt begins discharging from the facility.

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[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

[4] This report must be signed by a "Responsible Corporate Officer" and maintained with the SWPPP.

5 A copy of this report must be kept on file in Thomaston.

Date: 10/28	**Signed[4]:** M. Martunas
	Title:

OUTFALL 101 NO LONGER EXISTENT – RECENT CONSTRUCTION TO BUTTERMILK LN HAS ALTERED OUTFALL LOCATION – NO OBSERVABLE OUTFALL AT THIS TIME.

Table 5
Permit Non-Compliance Issues

Reference	Description
Q1 dewatering	pumping of Q1 to man made settling pond

Facility Certification

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

10/28/08
Date

Dragon Products
107 New County Rd
Thomaston, Maine

44° 15' 19" N 69° 08' 55" W